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IBM Docket No. RAL920000112US2

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In the United States Patent and Trademark Office
Patent Application Transmittal

Transmitted herewith for filing is the Patent Application of:

Inventors(s): Peter Irma August Barri, Jean Louis Calvignac, Kent Harold Haselhorst, Marco C. Hedges, Joseph Franklin Logan, Fabrice Jean Verplanken, Miroslav Vrana
For: System and Method of Maintaining High Bandwidth Requirement of a Data Pipe from Low Bandwidth Memories
CO-ASSIGNEE #1 NAME: International Business Machines Corporation
CO-ASSIGNEE #1 RESIDENCE: Armonk, New York
CO-ASSIGNEE #2 NAME: Alcatel
CO-ASSIGNEE #2 RESIDENCE: Paris, France

Enclosed are

32 pages of specification, including 29 claims, plus 5 sheets of *Formal* drawings.

An assignment of the invention to International Business Machines Corporation, Armonk, New York 10504.
 A certified copy of a/an application.
 Declaration and Power of Attorney. (2) NOT FULLY EXECUTED
 PTO-1449 & references
 A return post card
Other:

Filing Fee Calculation (For Other Than Small Entity)

Basic Fee:					\$740.00
Claims Fees:	Filed	Limit	Extra		Rate per Extra
Total claims:	29	20	9		\$18.00
Independent claims:	4	3	1		\$84.00
x Multiple Dependent Claim Presented				\$280.00	\$280.00
				Total	\$1,266.00

Please charge Deposit Account 09-0464 for the Total set forth above. The Commissioner is authorized to charge payment of any additional filing fees required under 37 CFR §1.16 and any patent application processing fees under 37 CFR §1.17 or to credit any overpayment to the identified account. A duplicate copy of this sheet is enclosed.

<i>Express Mail Certificate</i>	
Express Mail Label No: ET482810900US	
Date: November 21, 2001	
I hereby certify that I am depositing the papers identified above with the U.S. Postal Service "Express Mail Post Office to Address" service on the above date, addressed to the Assistant Commissioner for Patents, Washington, DC 20231	
<i>Karen Orzechowski</i>	
Karen Orzechowski	

BY: *Joscelyn G. Cockburn*

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Date: November 21, 2001

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